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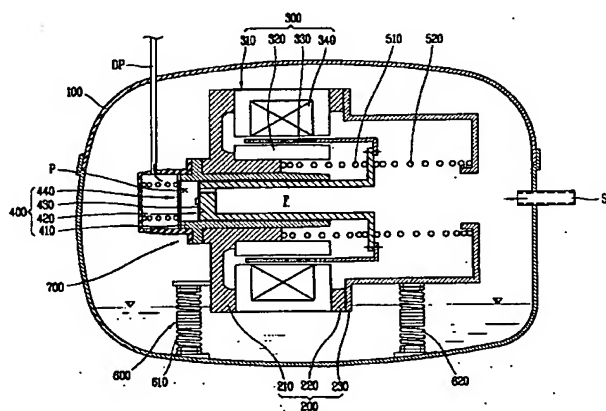
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(54) Title: RECIPROCATING COMPRESSOR HAVING SUPPORTING UNIT ATTENUATING LATERAL DISPLACEMENT THEREOF



(57) Abstract: A reciprocating compressor comprises a casing including a suction pipe (SP) through which a fluid is introduced from the outside and a discharge pipe (DP) through which the fluid is discharged outside and forming a predetermined internal space; a compressor main body (700) positioned in the casing (100), compressing the fluid introduced through the suction pipe (SP) with a linear reciprocating motion of a piston (420) and discharging the compressed fluid through the discharge pipe (DP); and a supporting unit (600) including a plurality of coil springs connecting the compressor main body (700) to the casing (100), wherein the plurality of coil springs (610, 620) includes, respectively, end coils (590) tightly wound so as to be fixed to one surface of the compressor main body (700) and to one surface of the casing (100) and an inner coil (580) having at least one part which is tightly wound and positioned between the end coils (590), thereby minimizing the lateral vibration of the compressor, which is generated in a direction that a reciprocating motor is operated in operation of the reciprocating compressor.

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